Overview

HP supports, certifies, and offers VMware software for HP ProLiant and BladeSystem servers. VMware from HP provides a comprehensive suite of virtualization solutions designed expressly for mission-critical enterprise computing.

HP offers a complete portfolio of VMware licenses Server and Desktop Infrastructure Software.
VMware software from HP includes either a 1year or 3year 9x5 of unlimited support and subscription with uplifts to 24x7 and multiyear support for 3,4 or 5 years. With this support, customers receive installation, configuration and troubleshooting support. HP also offers VMware software bundled with HP Insight Control and the HP P4000 Virtual SAN Appliance.

For information on VMware View products from HP please visit:
http://h18013.www1.hp.com/products/quickspecs/13154_div/13154_div.html

A complete list of supported and certified ProLiant servers is available either at the HP support matrix www.hp.com/go/ossupport or at the VMware HCL http://www.vmware.com/resources/compatibility/search.php.

What's New

- Release of the next generation of vSphere - VMware vSphere 5 including vCenter, vSphere Acceleration Kits, vCloud director and vShield security suites
- All VMware products from HP include a free Web Based Training on VMware vSphere from HP Education Services
- HP High Availability Solution with HP P4000 Virtual SAN Appliance (VSA) now includes 3 HP VSA licenses along with VMware vSphere Essentials Plus

At A Glance

- The VMware OEM portfolio from HP includes:
  - All VMware vSphere 5 core server editions and related acceleration kits
  - Upgrade licenses within the core server editions
  - VMware vCenter management products including Site Recovery Manager (SRM), Lab Manager, AppSpeed, Chargeback, CapacityIQ
  - vCloud products including vCloud Director, Request manager
  - vShield products
  - VMware View products
  - VMware ThinApp products
- The VMware OEM portfolio from HP includes a 1- or 3-year 9x5 unlimited support and subscription services. Additional care pack services can be purchased separately with 24x7 or 3/4/5 year terms.
- The following bundles are part of this portfolio:
  - HP Insight Control bundled with the core server editions - Standard, Enterprise, Enterprise Plus, Essentials and Essentials Plus
  - The High Availability Virtualization solution - a bundle with VMware Essentials Plus and the HP P4000 Virtual SAN Appliance (VSA). The HP P4000 VSA enables benefits of a physical SAN with ability to transform captive server disk drives and build a virtual iSCSI SAN, thereby providing cost effective high availability solution.
- An instance of VMware vCenter Server is required for VMware vSphere 5 Standard, Enterprise or Enterprise Plus. HP offers licenses for vCenter Server either as a standalone product or included with the Acceleration Kits and Essentials products.
- VMware vCenter Server runs on any vSphere 4.x or 5.x supported ProLiant server
- VMware VMotion runs on any vSphere 4.x or 5.x supported ProLiant server
- The core products and their related acceleration kits are licensed per processor with a maximum Virtual RAM limitation:
  - Standard licenses allow for a maximum of 32GB/entitlement
  - Enterprise licenses allow a maximum of 64GB /entitlement
  - Enterprise plus licenses allow a maximum of 96GB/entitlement. For more details visit:
    http://www.vmware.com/download/eula/multicore.html

Overview

- The complete Virtual desktop infrastructure solution to enable VMware-based client virtualization. For more information, please visit the VMware View QuickSpecs: http://h18013.www1.hp.com/products/quickspecs/13154_div/13154_div.html
- VMware cloud, vCenter and vShield products based on per Virtual Machine (VM) licensing model available in 25 VM packs. Per VM licensing model is suited for IT environments that need to manage at VM level than at physical processor level. For more information on per VM licensing please visit - http://www.vmware.com/support/licensing/per-vm/index.html
- HP initiated streamlined delivery of VMware products aligning products to redeem licenses through a single mechanism.
  - Customers will be mailed an entitlement certificate which includes an Entitlement Number entitling them to their product.
  - Customers register this Entitlement Number at the Webware website and receive their Product Activation Code (PAC) entitling them to their license and software as well as free web based training from HP.
- Electronic delivery of VMware products providing faster, easier and more efficient way to fulfill orders.
  - Electronic delivery products will have "E" as 8th character in part number
  - Customers will receive an email with a link for retrieving Entitlement certificate and instructions to retrieve PAC as well as free web based training from HP.
- All VMware vSphere products from HP are available in both physical and electronic delivery forms. Customers can make a choice based on their requirement.
- Software downloads and license retrievals will now be available from VMware.

Models

HP VMware vSphere Essentials Kits

NOTE: The models listed in this section offer the base product with 1 year / 3 year physical or electronic entitlement. For detailed list of features in each version, please visit: www.hp.com/go/vmware.

NOTE: For additional service and support upgrades/option, please see the HP Care Pack Services in the Related Options section of this QuickSpecs.

NOTE: VMware vSphere Essentials kits are all-in-one solutions that combine virtualization for up to three physical servers (up to two processors each) with centralized management capabilities. The kits are self-contained solutions and may not be decoupled or combined with other VMware vSphere editions. The server hosts must be managed by the vCenter Server Essentials edition that is provided with this bundle, and that same vCenter Server Essentials edition cannot be used to manage other server hosts not included with this edition.

VMware vSphere Essentials Bundle 1 year 9x5 Support E-LTU	TD414AAE
VMware vSphere Essentials Bundle 1 year 9x5 Support No Media License	TD414A
VMware vSphere Essentials Bundle 3 year 9x5 Support E-LTU	TD449AAE
VMware vSphere Essentials Bundle 3 year 9x5 Support No Media License	TD449A

NOTE: VMware vSphere Essentials Bundle includes a VRAM entitlement of 32GB per license with a maximum entitlement of 192GB.

VMware vSphere Essentials Plus Bundle 1 year 9x5 Support E-LTU	TD415BAE
VMware vSphere Essentials Plus Bundle 1 year 9x5 Support No Media License	TD415B
VMware vSphere Essentials Plus Bundle 3 year 9x5 Support E-LTU	TD450BAE
VMware vSphere Essentials Plus Bundle 3 year 9x5 Support No Media License	TD450B

NOTE: VMware vSphere Essentials Plus Bundle includes a VRAM entitlement of 32GB per license with a maximum entitlement of 192GB.

HP VMware vSphere Editions

NOTE: vSphere editions are highly scalable virtualization solutions for midsize and enterprise organizations that want to optimize existing IT investments, streamline IT operations and deliver IT as a service through private, public and hybrid cloud infrastructures.

VMware vSphere Standard for 1 Processor 1 year 9x5 Support E-LTU	TD411AAE
VMware vSphere Standard for 1 Processor 1 year 9x5 Support No Media License	TD411A
VMware vSphere Standard for 1 Processor 3 year 9x5 Support E-LTU	TD451AAE
VMware vSphere Standard for 1 Processor 3 year 9x5 Support No Media License	TD451A

NOTE: VMware vSphere Standard includes a VRAM entitlement of 32GB per license.

VMware vSphere Enterprise for 1 Processor 1 year 9x5 Support E-LTU	TD418AAE
VMware vSphere Enterprise for 1 Processor 1 year 9x5 Support No Media License	TD418A
VMware vSphere Enterprise for 1 Processor 3 year 9x5 Support E-LTU	TC725AAE
VMware vSphere Enterprise for 1 Processor 3 year 9x5 Support No Media License	TC725A

NOTE: VMware vSphere Enterprise includes a VRAM entitlement of 64GB per license.

VMware vSphere Enterprise Plus for 1 Processor 1 year 9x5 Support E-LTU	TD413AAE
VMware vSphere Enterprise Plus for 1 Processor 1 year 9x5 Support No Media License	TD413A
VMware vSphere Enterprise Plus for 1 Processor 3 year 9x5 Support E-LTU	TD454AAE
VMware vSphere Enterprise Plus for 1 Processor 3 year 9x5 Support No Media License	TD454A

Models

NOTE: VMware vSphere Enterprise Plus includes a VRAM entitlement of 96GB per license.

HP Insight Control Bundles	NOTE: The following bundles include HP Insight Control with one license per server. Both the VMware product and Insight Control includes 1 year of 24 x 7 technical support. For more information on HP Insight Control go to http://www.hp.com/go/insightcontrol.	
	VMware vSphere Standard 1P Insight Control 1yr 24x7 E-LTU	QK170AAE
	VMware vSphere Standard 1P Insight Control 1yr 24x7 No Media License NOTE: Supports max 6 cores/CPU. For additional service and support upgrades/option, please see the HP Care Pack Services in the Related Options section of this QuickSpecs.	QK170A
	VMware vSphere Enterprise 1P Insight Control 1 year 24x7 Support E-LTU	QK174AAE
	VMware vSphere Enterprise 1P Insight Control 1year 24x7 Support No Media License NOTE: Supports max 6 cores/CPU. For additional service and support upgrades/option, please see the HP Care Pack Services in the Related Options section of this QuickSpecs.	QK174A
	VMware vSphere Enterprise Plus 1P Insight Control 1year 24x7 Support E-LTU	QK172AAE
	VMware vSphere Enterprise Plus 1P Insight Control 1year 24x7 Support No Media License NOTE: Supports max 12 cores/CPU. For additional service and support upgrades/option, please see the HP Care Pack Services in the Related Options section of this QuickSpecs.	QK172A

HP VMware VSphere Upgrades	VMware vSphere Standard to Enterprise Upgrade for 1 Processor 1 year 9x5 Support E-LTU	BC410AAE
	VMware vSphere Standard to Enterprise Upgrade for 1 Processor 1 year 9x5 Support No Media License	BC410A
	VMware vSphere Standard to Enterprise Upgrade for 1 Processor 3 year 9x5 Support E-LTU	BC411AAE
	VMware vSphere Standard to Enterprise Upgrade for 1 Processor 3 year 9x5 Support No Media License	BC411A
	VMware vSphere Standard to Enterprise Plus Upgrade for 1 Processor 1 year 9x5 Support E-LTU	TD419AAE
	VMware vSphere Standard to Enterprise Plus Upgrade for 1 Processor 1 year 9x5 Support No Media License	TD419A
	VMware vSphere Standard to Enterprise Plus Upgrade for 1 Processor 3 year 9x5 Support E-LTU	BC412AAE
	VMware vSphere Standard to Enterprise Plus Upgrade for 1 Processor 3 year 9x5 Support No Media License	BC412A
	VMware vSphere Enterprise to Enterprise Plus Upgrade for 1 Processor 1 year 9x5 E-LTU	TD430AAE
	VMware vSphere Enterprise to Enterprise Plus Upgrade for 1 Processor 1 year 9x5 Support No Media License	TD430A
	VMware vSphere Enterprise to Enterprise Plus Upgrade for 1 Processor 3 year 9x5 Support E-LTU	BC413AAE

Models

	VMware vSphere Enterprise to Enterprise Plus Upgrade for 1 Processor 3 year 9x5 Support No Media License	BC413A
HP VMware Acceleration Kits	NOTE: Acceleration kits can be purchased one product (or kit) per customer site.	
	VMware vSphere Standard Acceleration Kit for 8 Processors 1 year 9x5 Support E-LTU	BC396AAE
	VMware vSphere Standard Acceleration Kit for 8 Processors 1 year 9x5 Support No Media License	BC396A
	VMware vSphere Standard Acceleration Kit for 8 Processors 3 year 9x5 Support E-LTU	BC397AAE
	VMware vSphere Standard Acceleration Kit for 8 Processors 3 year 9x5 Support No Media License	BC397A
	NOTE: VMware vSphere Standard Acceleration Kit includes vSphere Standard for 8 processors, 1 vCenter Standard and a VRAM entitlement of 32GB per processor.	
	VMware vSphere Enterprise Acceleration Kit for 6 Processors 1 year 9x5 Support E-LTU	TD458AAE
	VMware vSphere Enterprise Acceleration Kit for 6 Processors 1 year 9x5 Support No Media License	TD458A
	VMware vSphere Enterprise Acceleration Kit for 6 Processors 3 year 9x5 Support E-LTU	BC398AAE
	VMware vSphere Enterprise Acceleration Kit for 6 Processors 3 year 9x5 Support No Media License	BC398A
	NOTE: VMware vSphere Enterprise Acceleration Kit includes vSphere Enterprise for 6 processors, 1 vCenter Standard and a VRAM entitlement of 64GB per processor.	
	VMware vSphere Enterprise Plus Acceleration Kit for 6 Processors 1 year 9x5 Support E-LTU	TD422BAE
	VMware vSphere Enterprise Plus Acceleration Kit for 6 Processors 1 year 9x5 Support No Media License	TD422B
	VMware vSphere Enterprise Plus Acceleration Kit for 6 Processors 1 year 9x5 Support E-LTU	TD455BAE
	VMware vSphere Enterprise Plus Acceleration Kit for 6 Processors 1 year 9x5 Support No Media License	TD455B
	NOTE: VMware vSphere Enterprise Plus Acceleration Kit includes vSphere Enterprise Plus for 6 processors, 1 vCenter Standard and a VRAM entitlement of 96GB per processor.	
HP VMware vCenter Server Products	VMware vCenter Server Standard 1 year 9x5 Support E-LTU	TD416AAE
	VMware vCenter Server Standard 1 year 9x5 Support No Media License	TD416A
	VMware vCenter Server Standard 3 year 9x5 Support E-LTU	TD456AAE
	VMware vCenter Server Standard 3 year 9x5 Support No Media License	TD456A
	VMware vCenter Server Foundation 1 year 9x5 Support E-LTU	TD423AAE
	VMware vCenter Server Foundation 1 year 9x5 Support No Media License	TD423A
	VMware vCenter Server Foundation 3 year 9x5 Support E-LTU	TD457AAE
	VMware vCenter Server Foundation 3 year 9x5 Support No Media License	TD457A
	NOTE: VMware vCenter Server Foundation Manages 3 vSphere hosts.	
	VMware vCenter Server Foundation to Standard Upgrade 1 year 9x5 Support E-LTU	TD424AAE

Models

	VMware vCenter Server Foundation to Standard Upgrade 1 year 9x5 Support No Media License	TD424A
	VMware vCenter Server Foundation to Standard Upgrade 3 year 9x5 Support E-LTU	BC399AAE
	VMware vCenter Server Foundation to Standard Upgrade 3 year 9x5 Support No Media License	BC399A
	VMware vCenter Server Heartbeat 1 year 9x5 Support E-LTU	TD459AAE
	VMware vCenter Server Heartbeat 1 year 9x5 Support No Media License	TD459A
	VMware vCenter Server Heartbeat 3 year 9x5 Support E-LTU	BC400AAE
	VMware vCenter Server Heartbeat 3 year 9x5 Support No Media License NOTE: VMware vCenter Server Heartbeat delivers the maximum uptime for your virtual datacenter infrastructure, ensuring seamless failover and failback of VMware vCenter Server.	BC400A
	VMware vCenter CapacityIQ for 25 Virtual Machines1 year 9x5 Support E-LTU	TD384AAE
	VMware vCenter CapacityIQ for 25 Virtual Machines 1 year 9x5 Support No Media License	TD384A
	VMware vCenter CapacityIQ for 25 Virtual Machines 3 year 9x5 Support E-LTU	BC408AAE
	VMware vCenter CapacityIQ for 25 Virtual Machines 3 year 9x5 Support No Media License	BC408A
	VMware vCenter Chargeback for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	TD383AAE
	VMware vCenter Chargeback for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	TD383A
	VMware vCenter Chargeback for 25 Virtual Machines Bundle 3 year 9x5 Support E-LTU	BC406AAE
	VMware vCenter Chargeback for 25 Virtual Machines Bundle 3 year 9x5 Support No Media License	BC406A
	VMware vCenter AppSpeed for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	TD385AAE
	VMware vCenter AppSpeed for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	TD385A
	VMware vCenter AppSpeed for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	BC409AAE
	VMware vCenter AppSpeed for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	BC409A
	VMware vCenter Lab Manager for 1Processor 1yr 9x5 E-LTU	QK214AAE
	VMware vCenter Lab Manager for 1Processor 1yr 9x5 No Media License	QK214A
	VMware vCenter Lab Manager for 1Processor 1yr 9x5 E-LTU	BC407AAE
	VMware vCenter Lab Manager for 1Processor 1yr 9x5 No Media License	BC407A
HP VMware vCenter Management & Automation	VMware vCenter Site Recovery Manager for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	TD386AAE
	VMware vCenter Site Recovery Manager for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	TD386A

Models

HP VMware for Matrix	VMware vSphere Enterprise Plus for 32 Processors 1 year 24x7 Support E-LTU	TD441AAE
	VMware vSphere Enterprise Plus for 32 Processors 1 year 24x7 Support No Media License NOTE: Includes VMware vSphere Enterprise license for 32 processors and 1 year 24x7 unlimited technical software support and updates. For additional service and support upgrades/option, please see the HP Care Pack Services in the Related Options section of this QuickSpecs.	TD441A
	HP VMware vSphere Enterprise Plus, 32 processor socket licenses, 3yr 24x7 Support E-LTU	TC290BAE
	HP VMware vSphere Enterprise Plus, 32 processor socket licenses, 3yr 24x7 Support No Media License NOTE: Includes VMware vSphere Enterprise license for 32 processors and 3 year 24x7 unlimited technical software support and updates. For additional service and support upgrades/option, please see the HP Care Pack Services in the Related Options section of this QuickSpecs.	TC290B
HP High Availability Virtualization Solution	VMware Essentials Plus 3xVSA Bundle 1 year 9x5 Support E-LTU	TC728BAE
	VMware Essentials Plus 3xVSA Bundle 1 year 9x5 Support No Media License	TC728B
	VMware Essentials Plus 3xVSA Bundle 3 year 9x5 Support E-LTU	BC438AAE
	VMware Essentials Plus 3xVSA Bundle 3 year 9x5 Support No Media License NOTE: Includes a bundle of VMware vSphere Essentials Plus and 3 licenses of VSA. The server hosts must be managed by the vCenter Server Essentials edition that is provided with this bundle, and that same vCenter Server Essentials edition cannot be used to manage other server hosts not included with this edition. NOTE: 1 VSA license accommodates up to 10TB storage but one instance per server.	BC438A
HP VMware Cloud Products	VMware vCloud Director for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	TD400AAE
	VMware vCloud Director for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	TD400A
	VMware vCloud Director for 25 Virtual Machines Bundle 3 year 9x5 Support E-LTU	BC427AAE
	VMware vCloud Director for 25 Virtual Machines Bundle 3 year 9x5 Support No Media License	BC427A
	VMware vCloud Request Manager for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	BC428AAE
	VMware vCloud Request Manager for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	BC428A
	VMware vCloud Request Manager for 25 Virtual Machines Bundle 3 year 9x5 Support E-LTU	BC429AAE
	VMware vCloud Request Manager for 25 Virtual Machines Bundle 3 year 9x5 Support No Media License	BC429A
	VMware vCloud Director to vShield Edge Upgrade for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	BC434AAE
	VMware vCloud Director to vShield Edge Upgrade for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	BC434A
	VMware vCloud Director to vShield Edge Upgrade for 25 Virtual Machines Bundle 3 year 9x5 Support E-LTU	BC435AAE

Models

	VMware vCloud Director to vShield Edge Upgrade for 25 Virtual Machines Bundle 3 year 9x5 Support No Media License	BC435A
HP VMware Security Products	VMware vShield Edge for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	TD397AAE
	VMware vShield Edge for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	TD397A
	VMware vShield Edge for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	BC414AAE
	VMware vShield Edge for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	BC414A
	VMware vShield Application for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	TD398AAE
	VMware vShield Application for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	TD398A
	VMware vShield Application for 25 Virtual Machines Bundle 3 year 9x5 Support E-LTU	BC415AAE
	VMware vShield Application for 25 Virtual Machines Bundle 3 year 9x5 Support No Media License	BC415A
	VMware vShield Endpoint for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	TD399AAE
	VMware vShield Endpoint for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	TD399A
	VMware vShield Endpoint for 25 Virtual Machines Bundle 3 year 9x5 Support E-LTU	BC416AAE
	VMware vShield Endpoint for 25 Virtual Machines Bundle 3 year 9x5 Support No Media License	BC416A
	VMware vShield Endpoint to vShield Application for 25 Virtual Machines Bundle 1 year 9x5 Support E-LTU	BC423AAE
	VMware vShield Endpoint to vShield Application for 25 Virtual Machines Bundle 1 year 9x5 Support No Media License	BC423A
	VMware vShield Endpoint to vShield Application for 25 Virtual Machines Bundle 3 year 9x5 Support E-LTU	BC424AAE
	VMware vShield Endpoint to vShield Application for 25 Virtual Machines Bundle 3 year 9x5 Support No Media License	BC424A

Product Features

Offering

- Customers can purchase VMware OEM software directly from HP or through HP authorized resellers
- Customers may upgrade the standard 1-year 9x5 unlimited support and subscription service bundled with their VMware software to 1 year 24x7 support
- Customers may upgrade the standard 3-year 24x7 unlimited support and subscription service bundled with their VMware software to 4/5-year 9x5 support or 3/4/5-year 24x7 support.

Manageability

- HP Insight Control: essential ProLiant server management includes proactive server health management, remote server management, and power management and server deployment tools. For more information, go to: www.hp.com/go/insightcontrol.
- HP Insight Control runs on any Windows platform supported by HP SIM 5.3.1 or greater
- An integral solution between HP and VMware is the HP Insight Control for VMware vCenter Server. HP Insight Control for VMware vCenter delivers powerful HP hardware management capabilities to virtualization administrators, enabling comprehensive monitoring, remote control and power optimization directly from the VMware vCenter console. For more information please visit: http://www.hp.com/go/insightcontrol

Storage & Accessories

- Complete your HP SRM Solution with the HP Enterprise Virtual Array family - an enterprise-class array system designed to aggregate and automate storage management tasks with fewer resources and more storage capacity. In combination of HP Continuous Access unique remote replication technologies, you can ensure the protection of your stored data in the event of a disaster. For more information, and configuration details about HP storage for this SRM Solution, go to: www.hp.com/go/storage/vmware.

HP ProLiant Server Support

- HP ProLiant server support software is available for download.
- The VMware HCL has been updated to include all certified HP ProLiant servers at http://www.vmware.com/resources/compatibility/search.php
- For more information on HP's Certified and Supported ProLiant servers please visit the VMware Server Support Matrix at: www.hp.com/go/ossupport

HP Web Sites

- VMware from HP: http://www.hp.com/go/vmware
- Available from: http://www.hp.com/go/vmware:
  - HP & VMware white papers and planning tools
  - VMware online sizing tool
  - HP & VMware news and information
  - Download Software: www.software.hp.com

Licensing

- VMware server products are licensed on a per processor license. You must have the same number of licenses as processors installed in your system. Note that VMware solution bundles (i.e. Essentials products) and acceleration kits have specific server and processor boundaries within these licenses. To view the licenses for which you are entitled, log in to your VMware portal

Product Features

Supported Media for ESXi 5	• Acquire your choice of HP supported and qualified media. Please note that all devices will need to be imaged for ESXi 5.0 ○ Any HP supported hard drive ○ HP supported flash devices are listed under USB and SD Options section below
Entitlement Mappings	• For complete details on upgrades and entitlements, visit: http://www.vmware.com/go/vsphere and review Upgrade Center
Downgrade information	• vSphere downgradeable to 4.x products. Downgrades and entitlements for valid subscriptions will be available in your profile in the VMware license portal. For more information on VMware vSphere visit: www.vmware.com/go/vsphere

Related Options

HP USB and SD Options	HP 2GB USB Flash Media Drive Key NOTE: HP qualified blank USB key for use with HP ProLiant servers that support the VMware virtualization environment and other HP value-add software like SmartStart. HP recommends this industry standard USB flash device for use with VMware ESXi. USB device must be installed in the internal slot of the ProLiant server for use with VMware ESXi. For further instructions please visit: http://www.hp.com/go/esxidownload	608447-B21
	HP 4GB Secure Digital Flash Media Kit NOTE: HP supported blank SD Flash Device to be used with HP VMware ESXi. Flash media must be installed into the internal port of ProLiant Server. Refer to HP VMware Getting Started Guide for installation instructions.	580387-B21

HP Care Pack Services

NOTE: Unless otherwise mentioned, the software licenses include 1 year or 3 year 9x5 support with unlimited technical software support and updates for all major and minor versions available from VMware.

HP Care Packs listed below extends the support terms included with your product to

- 1 year of 24x7 support for software licenses with inbuilt 1 year 9x5 support
- 3, 4 or 5 years of 9x5 or 24x7 support for software licenses with inbuilt 3 year 9x5 support

Services packages for VMware vSphere Essentials Bundle with 1 year 9x5 Support for TD414A and TD414AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR661E
Services packages for VMware vSphere Essentials Bundle with 3 year 9x5 Support for TD449A and TD449AAE	
HP 3-year 24x7 - Unlimited software support and updates	US449E
HP 4-year 9x5 - Unlimited software support and updates	US450E
HP 4-year 24x7 - Unlimited software support and updates	US451E
HP 5-year 9x5 - Unlimited software support and updates	US452E
HP 5-year 24x7 - Unlimited software support and updates	US453E
Services packages for VMware vSphere Essentials Plus Bundle with 1 year 9x5 Support for TD415B and TD415BAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0B68E
Services packages for VMware vSphere Essentials Plus Bundle with 3 year 9x5 Support for TD450B and TD450BAE	
HP 3-year 24x7 - Unlimited software support and updates	U0B72E
HP 4-year 9x5 - Unlimited software support and updates	U0B76E
HP 4-year 24x7 - Unlimited software support and updates	U0B77E
HP 5-year 9x5 - Unlimited software support and updates	U0B81E
HP 5-year 24x7 - Unlimited software support and updates	U0B82E
Services packages for VMware vSphere Standard for 1 Processor with 1 year 9x5 Support for TD411A and TD411AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR640E

Related Options

Services packages for VMware vSphere Standard for 1 Processor with 3 year 9x5 Support for TD451A and TD451AAE	
HP 3-year 24x7 - Unlimited software support and updates	US459E
HP 4-year 9x5 - Unlimited software support and updates	UT504E
HP 4-year 24x7 - Unlimited software support and updates	UT505E
HP 5-year 9x5 - Unlimited software support and updates	UT506E
HP 5-year 24x7 - Unlimited software support and updates	UT507E
Services packages for VMware vSphere Enterprise for 1 Processor with 1 year 9x5 Support for TD418A and TD418AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR682E
Services packages for VMware vSphere Enterprise for 1 Processor with 3 year 9x5 Support for TC725A and TC725AAE	
HP 3-year 24x7 - Unlimited software support and updates	UT759E
HP 4-year 9x5 - Unlimited software support and updates	UT760E
HP 4-year 24x7 - Unlimited software support and updates	UT761E
HP 5-year 9x5 - Unlimited software support and updates	UT762E
HP 5-year 24x7 - Unlimited software support and updates	UT763E
Services packages for VMware vSphere Enterprise Plus for 1 Processor with 1 year 9x5 Support for TD413A and TD413AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR654E
Services packages for VMware vSphere Enterprise Plus for 1 Processor with 3 year 9x5 Support for TD454A and TD454AAE	
HP 3-year 24x7 - Unlimited software support and updates	UT518E
HP 4-year 9x5 - Unlimited software support and updates	UT519E
HP 4-year 24x7 - Unlimited software support and updates	UT520E
HP 5-year 9x5 - Unlimited software support and updates	UT521E
HP 5-year 24x7 - Unlimited software support and updates	UT522E
Services packages for VMware vSphere Standard Acceleration Kit for 8 Processors with 1 year 9x5 Support for BC396A and BC396AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0B86E
Services packages for VMware vSphere Standard Acceleration Kit for 8 Processors with 3 year 9x5 Support for BC397A and BC397AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0B90E
HP 4-year 9x5 - Unlimited software support and updates	U0B94E
HP 4-year 24x7 - Unlimited software support and updates	U0B95E
HP 5-year 9x5 - Unlimited software support and updates	U0B99E
HP 5-year 24x7 - Unlimited software support and updates	U0C00E
Services packages for VMware vSphere Enterprise Acceleration Kit for 6 Processors with 1 year 9x5 Support for TD458A and TD458AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UT578E
Services packages for VMware vSphere Enterprise Acceleration Kit for 6 Processors with 3 year 9x5 Support for BC398A and BC398AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0C04E

Related Options

HP 4-year 9x5 - Unlimited software support and updates	U0C08E
HP 4-year 24x7 - Unlimited software support and updates	U0C09E
HP 5-year 9x5 - Unlimited software support and updates	U0C13E
HP 5-year 24x7 - Unlimited software support and updates	U0C14E
Services packages for VMware vSphere Enterprise Plus Acceleration Kit for 6 Processors with 1 year 9x5 Support for TD422B and TD422BAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0C18E
Services packages for VMware vSphere Enterprise Plus Acceleration Kit for 6 Processors with 1 year 9x5 Support for TD455B and TD455BAE	
HP 3-year 24x7 - Unlimited software support and updates	U0C22E
HP 4-year 9x5 - Unlimited software support and updates	U0C26E
HP 4-year 24x7 - Unlimited software support and updates	U0C27E
HP 5-year 9x5 - Unlimited software support and updates	U0C31E
HP 5-year 24x7 - Unlimited software support and updates	U0C32E
Services packages for VMware vCenter Server Foundation with 1 year 9x5 Support for TD423A and TD423AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	US125E
Services packages for VMware vCenter Server Foundation with 3 year 9x5 Support for TD457A and TD457AAE	
HP 3-year 24x7 - Unlimited software support and updates	UT538E
HP 4-year 9x5 - Unlimited software support and updates	UT539E
HP 4-year 24x7 - Unlimited software support and updates	UT540E
HP 5-year 9x5 - Unlimited software support and updates	UT541E
HP 5-year 24x7 - Unlimited software support and updates	UT542E
Services packages for VMware vCenter Server Standard with 1 year 9x5 Support for TD416A and TD416AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR780E
Services packages for VMware vCenter Server Standard with 3 year 9x5 Support for TD456A and TD456AAE	
HP 3-year 24x7 - Unlimited software support and updates	UT533E
HP 4-year 9x5 - Unlimited software support and updates	UT534E
HP 4-year 24x7 - Unlimited software support and updates	UT535E
HP 5-year 9x5 - Unlimited software support and updates	UT536E
HP 5-year 24x7 - Unlimited software support and updates	UT537E
Services packages for VMware vCenter Server Foundation to Standard Upgrade with 1 year 9x5 Support for TD424A and TD424AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UQ643E
Services packages for VMware vCenter Server Foundation to Standard Upgrade with 3 year 9x5 Support for BC399A and BC399AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0C36E
HP 4-year 9x5 - Unlimited software support and updates	U0C40E
HP 4-year 24x7 - Unlimited software support and updates	U0C41E
HP 5-year 9x5 - Unlimited software support and updates	U0C45E

Related Options

HP 5-year 24x7 - Unlimited software support and updates	U0C46E
Services packages for VMware vCenter Server Heartbeat with 1 year 9x5 Support for TD459A and TD459AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR766E
Services packages for VMware vCenter Server Heartbeat with 3 year 9x5 Support for BC400A and BC400AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0C50E
HP 4-year 9x5 - Unlimited software support and updates	U0C54E
HP 4-year 24x7 - Unlimited software support and updates	U0C55E
HP 5-year 9x5 - Unlimited software support and updates	U0C59E
HP 5-year 24x7 - Unlimited software support and updates	U0C60E
Services packages for VMware vCenter Site Recovery Manager Enterprise for 25 Virtual Machines Bundle with 1 year 9x5 Supp for TD386A and TD386AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UW285E
HP 3-year 24x7 - Unlimited software support and updates	UW287E
HP 4-year 9x5 - Unlimited software support and updates	UW288E
HP 4-year 24x7 - Unlimited software support and updates	UW289E
HP 5-year 9x5 - Unlimited software support and updates	UW290E
HP 5-year 24x7 - Unlimited software support and updates	UW291E
Services packages for VMware vCenter Site Recovery Manager Standard to Enterprise Upgrade for 25 Virtual Machines Bundle with 1 year 9x5 Support for BC404A and BC404AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0D00E
Services packages for VMware vCenter Site Recovery Manager Standard to Enterprise Upgrade for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC405A and BC405AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0D04E
HP 4-year 9x5 - Unlimited software support and updates	U0D08E
HP 4-year 24x7 - Unlimited software support and updates	U0D09E
HP 5-year 9x5 - Unlimited software support and updates	U0D13E
HP 5-year 24x7 - Unlimited software support and updates	U0D14E
Services packages for VMware vCenter Chargeback for 25 Virtual Machines Bundle with 1 year 9x5 Support for TD383A and TD383AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UW264E
Services packages for VMware vCenter Chargeback for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC406A and BC406AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0D18E
HP 4-year 9x5 - Unlimited software support and updates	U0D22E
HP 4-year 24x7 - Unlimited software support and updates	U0D23E
HP 5-year 9x5 - Unlimited software support and updates	U0D27E
HP 5-year 24x7 - Unlimited software support and updates	U0D28E
Services packages for VMware vCenter Lab Manager for 1Processor 1yr 9x5 for QK214A and QK214AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UQ621E

Related Options

Services packages for VMware vCenter Lab Manager for 1Processor 1yr 9x5 for BC407A and BC407AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0D32E
HP 4-year 9x5 - Unlimited software support and updates	U0D36E
HP 4-year 24x7 - Unlimited software support and updates	U0D37E
HP 5-year 9x5 - Unlimited software support and updates	U0D41E
HP 5-year 24x7 - Unlimited software support and updates	U0D42E
Services packages for VMware vCenter CapacityIQ for 25 Virtual Machines with 1 year 9x5 Support for TD384A and TD384AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	HN849E
Services packages for VMware vCenter CapacityIQ for 25 Virtual Machines with 3 year 9x5 Support for BC408A and BC408AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0D46E
HP 4-year 9x5 - Unlimited software support and updates	U0D50E
HP 4-year 24x7 - Unlimited software support and updates	U0D51E
HP 5-year 9x5 - Unlimited software support and updates	U0D55E
HP 5-year 24x7 - Unlimited software support and updates	U0D56E
Services packages for VMware vCenter AppSpeed for 25 Virtual Machines Bundle with 1 year 9x5 Support for TD385A and TD385AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UW278E
Services packages for VMware vCenter AppSpeed for 25 Virtual Machines Bundle with 1 year 9x5 Support for BC409A and BC409AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0D60E
HP 4-year 9x5 - Unlimited software support and updates	U0D64E
HP 4-year 24x7 - Unlimited software support and updates	U0D65E
HP 5-year 9x5 - Unlimited software support and updates	U0D69E
HP 5-year 24x7 - Unlimited software support and updates	U0D70E
Services packages for VMware vSphere Standard to Enterprise Upgrade for 1 Processor with 1 year 9x5 Supp for BC410A and BC410AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0D74E
Services packages for VMware vSphere Standard to Enterprise Upgrade for 1 Processor with 3 year 9x5 Supp for BC411A and BC411AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0D78E
HP 4-year 9x5 - Unlimited software support and updates	U0D82E
HP 4-year 24x7 - Unlimited software support and updates	U0D83E
HP 5-year 9x5 - Unlimited software support and updates	U0D87E
HP 5-year 24x7 - Unlimited software support and updates	U0D88E
Services packages for VMware vSphere Standard to Enterprise Plus Upgrade for 1 Processor with 1 year 9x5 Supp for TD419A and TD419AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR745E
Services packages for VMware vSphere Standard to Enterprise Plus Upgrade for 1 Processor with 3 year 9x5 Supp for BC412A and BC412AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0D92E

Related Options

HP 4-year 9x5 - Unlimited software support and updates	U0D96E
HP 4-year 24x7 - Unlimited software support and updates	U0D97E
HP 5-year 9x5 - Unlimited software support and updates	U0E01E
HP 5-year 24x7 - Unlimited software support and updates	U0E02E
Services packages for VMware vSphere Enterprise to Enterprise Plus Upgrade for 1 Processor with 1 year 9x5 Supp for TD430A and TD430AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	US384E
Services packages for VMware vSphere Enterprise to Enterprise Plus Upgrade for 1 Processor with 3 year 9x5 Supp for BC413A and BC413AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0E06E
HP 4-year 9x5 - Unlimited software support and updates	U0E10E
HP 4-year 24x7 - Unlimited software support and updates	U0E11E
HP 5-year 9x5 - Unlimited software support and updates	U0E15E
HP 5-year 24x7 - Unlimited software support and updates	U0E16E
Services packages for VMware vShield Edge for 25 Virtual Machines Bundle with 1 year 9x5 Support for TD397A and TD397AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UY460E
Services packages for VMware vShield Edge for 25 Virtual Machines Bundle with 1 year 9x5 Support for BC414A and BC414AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0E20E
HP 4-year 9x5 - Unlimited software support and updates	U0E24E
HP 4-year 24x7 - Unlimited software support and updates	U0E25E
HP 5-year 9x5 - Unlimited software support and updates	U0E29E
HP 5-year 24x7 - Unlimited software support and updates	U0E30E
Services packages for VMware vShield Application for 25 Virtual Machines Bundle with 1 year 9x5 Support for TD398A and TD398AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UY467E
Services packages for VMware vShield Application for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC415A and BC415AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0E34E
HP 4-year 9x5 - Unlimited software support and updates	U0E38E
HP 4-year 24x7 - Unlimited software support and updates	U0E39E
HP 5-year 9x5 - Unlimited software support and updates	U0E43E
HP 5-year 24x7 - Unlimited software support and updates	U0E44E
Services packages for VMware vShield Endpoint for 25 Virtual Machines Bundle with 1 year 9x5 Support for TD399A and TD399AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UY474E
Services packages for VMware vShield Endpoint for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC416A and BC416AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0E48E
HP 4-year 9x5 - Unlimited software support and updates	U0E52E
HP 4-year 24x7 - Unlimited software support and updates	U0E53E
HP 5-year 9x5 - Unlimited software support and updates	U0E57E

Related Options

HP 5-year 24x7 - Unlimited software support and updates	U0E58E
Services packages for VMware vShield Endpoint to vShield Application for 25 Virtual Machines Bundle with 1 year 9x5 Support for BC423A and BC423AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0F16E
Services packages for VMware vShield Endpoint to vShield Application for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC424A and BC424AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0F20E
HP 4-year 9x5 - Unlimited software support and updates	U0F24E
HP 4-year 24x7 - Unlimited software support and updates	U0F25E
HP 5-year 9x5 - Unlimited software support and updates	U0F29E
HP 5-year 24x7 - Unlimited software support and updates	U0F30E
Services packages for VMware vCloud Director for 25 Virtual Machines Bundle with 1 year 9x5 Support for TD400A and TD400AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UY481E
Services packages for VMware vCloud Director for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC427A and BC427AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0F52E
HP 4-year 9x5 - Unlimited software support and updates	U0F56E
HP 4-year 24x7 - Unlimited software support and updates	U0F57E
HP 5-year 9x5 - Unlimited software support and updates	U0F61E
HP 5-year 24x7 - Unlimited software support and updates	U0F62E
Services packages for VMware vCloud Request Manager for 25 Virtual Machines Bundle with 1 year 9x5 Support for BC428A and BC428AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0G02E
Services packages for VMware vCloud Request Manager for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC429A and BC429AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0G06E
HP 4-year 9x5 - Unlimited software support and updates	U0G10E
HP 4-year 24x7 - Unlimited software support and updates	U0G11E
HP 5-year 9x5 - Unlimited software support and updates	U0G15E
HP 5-year 24x7 - Unlimited software support and updates	U0G16E
Services packages for VMware vCloud Director to vShield Edge Upgrade for 25 Virtual Machines Bundle with 1 year 9x5 Support for BC434A and BC434AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0F84E
Services packages for VMware vCloud Director to vShield Edge Upgrade for 25 Virtual Machines Bundle with 3 year 9x5 Support for BC435A and BC435AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0F88E
HP 4-year 9x5 - Unlimited software support and updates	U0F92E
HP 4-year 24x7 - Unlimited software support and updates	U0F93E
HP 5-year 9x5 - Unlimited software support and updates	U0F97E
HP 5-year 24x7 - Unlimited software support and updates	U0F98E
Services packages for VMware vSphere Enterprise Plus for 32 Processors with 1 year 24x7 Support for TD441A and TD441AAE	

Related Options

HP 3-year 24x7 - Unlimited technical software support and updates	UT546E
HP 4-year 24x7 - Unlimited technical software support and updates	UT547E
HP 5-year 24x7 - Unlimited technical software support and updates	UT548E
Services packages for HP VMware vSphere Enterprise Plus, 32 processor socket licenses, 3yr 24x7 Support for TC290B and TC290BAE	
HP 4-year 24x7 - Unlimited software support and updates	HN836E
HP 5-year 24x7 - Unlimited software support and updates	HN838E
Services packages for VMware Essentials Plus 3xVSA Bundle with 1 year 9x5 Support for TC728B and TC728BAE	
HP 1-year 24x7 - Unlimited technical software support and updates	U0G20E
Services packages for VMware Essentials Plus 3xVSA Bundle with 3 year 9x5 Support for BC438A and BC438AAE	
HP 3-year 24x7 - Unlimited software support and updates	U0G24E
HP 4-year 9x5 - Unlimited software support and updates	U0G28E
HP 4-year 24x7 - Unlimited software support and updates	U0G29E
HP 5-year 9x5 - Unlimited software support and updates	U0G33E
HP 5-year 24x7 - Unlimited software support and updates	U0G34E
Services packages for VMware vSphere Standard 1P Insight Control 1yr 24x7 Support for QK170A and QK170AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR698E
HP 3-year 24x7 - Unlimited technical software support and updates	UR700E
HP 5-year 24x7 - Unlimited technical software support and updates	UR702E
Services packages for VMware vSphere Enterprise 1P Insight Control 1yr 24x7 Support for QK174A and QK174AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR726E
HP 3-year 24x7 - Unlimited technical software support and updates	UR728E
HP 5-year 24x7 - Unlimited technical software support and updates	UR730E
Services packages for VMware vSphere Enterprise Plus 1P Insight Control 1yr 24x7 Support for QK172A and QK172AAE	
HP 1-year 24x7 - Unlimited technical software support and updates	UR712E
HP 3-year 24x7 - Unlimited technical software support and updates	UR714E
HP 5-year 24x7 - Unlimited technical software support and updates	UR716E

Technical Specifications

Weight & Dimensions	Dimensions	8.75 x 5.625 x 0.063 in (22.23 x 14.29 x 0.16 cm)
	Volume	0.002
	Gross Weight (lbs)	0.056 lbs (0.03 kg)
Environment-friendly Products and Approach	End-of-life Management and Recycling	Hewlett-Packard offers end-of-life HP product return, trade-in, and recycling programs in many geographic areas. For trade-in information, please go to: http://www.hp.com/go/green. To recycle your product, please go to: http://www.hp.com/go/green or contact your nearest HP sales office. Products returned to HP will be recycled, recovered or disposed of in a responsible manner. The EU WEEE directive (2002/95/EC) requires manufacturers to provide treatment information for each product type for use by treatment facilities. This information (product disassembly instructions) is posted on the Hewlett Packard web site at: http://www.hp.com/go/green. These instructions may be used by recyclers and other WEEE treatment facilities as well as HP OEM customers who integrate and re-sell HP equipment.

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